



ATTORNEY DOCKET NO. BOE01 021

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of Jesus Bengoa, et al.

Serial No.: 10/642,662

Art Unit: 3676

Filed: August 19, 2003

Examiner: Unassigned

Title: A CARTRIDGE-TYPE SEAL INCLUDING AN INTEGRATED CONTACT  
SURFACE AND ADAPTED TO BE PRE-ASSEMBLED

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Copies of the below listed documents are enclosed for consideration in the examination of the subject application.

**U.S. PATENTS:**

<u>Patent No.</u>	<u>Patentee(s)</u>	<u>Issue Date</u>	<u>Examiner Initials</u>
3,482,844	McKinven, Jr.	December 9, 1969	AP
4,208,057	Messenger	June 17, 1980	AP
5,201,528	Upper	April 13, 1993	AP
5,553,866	Heinzen	September 10, 1996	AP

FOREIGN PATENTS:

<u>Patent No.</u>	<u>Patentee(s)</u>	<u>Issue Date</u>	<u>Examiner Initials</u>
DE 35 34 130	KACO GmbH	April 2, 1987	AP

RELEVANCE OF FOREIGN LANGUAGE DOCUMENTS

1. **DE 35 34 130** - Figures 3, 4 and Column 5, line 29 – Column 6, line 22 relevant to Claims 1-7, 9, 11 and 14.

The radial shaft seal has a sealing element which rests in sealing fashion on a running sleeve. It is connected to a rotating machine part for rotation in common and has an axial stop for a counterstop on the rotating machine part. The axial stop is fixed between the counterstop and an abutting part of the bearing.

Respectfully Submitted,

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Dated: November 19, 2003

/Alison Pickard/

09/27/2006